



## JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004  
Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No.: JSPCB/HO/RNC/CTE-2693005/2018/1019

Dated : 2018-10-03

### Consent to Establish (CTE) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

1. Reference: Application (s) No.- 2693005 / dated : 18/06/2018 of Adityapur Waste Management Pvt Ltd (Common Bio-Medical Waste Treatment Facility), SANJAY PRAKASH GARG for consent under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

#### 2. Documents Relied Upon:

(a) The content of checklist dated 28.06.2018 of RO, Jamshedpur;

(b) The content of Environmental Clearance issued vide Ref. No. EC/SEIAA/2017-18/2064/2017/240 Dated 22.12.2017 by SEIAA, Ranchi.

3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to establish the project in Mauza- Dugni, P S -Seraikela Kharsawan, District-SERAIKELA KHARSAWAN as follows:

Project	Site-Area		Investment (Rs)/ Year	Product & Capacity	Period of CTE
	Plot Nos.	Area			
Before Expansion	Mauza : Dugni Khata No. : 529 Khesra No. : Plot No.43	20 acres (As per project report)	70 Lac	Incinerator's Capacity- 200 Kg/H	Six months from date of issue

#### (A) Specific Conditions:

1. That, the occupier shall segregate and treat the waste as per the Bio-Medical Waste Management Rules, 2016.

2. That, the occupier shall prevent scavengers from sorting the non-disinfected waste.

3. That, the occupier shall operate & maintain the incinerator properly and ensure immediate repair or

replacement of faulty parts, such as burner, temperature indicator, temperature sensors, door etc.

4. That, the occupier shall maintain categories wise detail of biomedical waste generated in order to prevent the pilferage of disposable at the point of waste generation itself.

5. That, the occupier shall maintain in the record book regarding details of waste received and treated in the Incinerator .

6. That, the occupier shall operate the incinerator only by skilled and qualified person. The incinerator manufacturers shall also impart necessary training in this regard to the operators.

7. That, the occupier shall take all necessary steps to ensure that the bio-medical waste collected from the health care facilities is transported, handled, stored, treated and disposed of, without any adverse effect to the human health and the environment, in accordance with Bio-Medical Waste Management Rules, 2016 and guidelines issued by the Central Government or, as the case may be, the central pollution control board from time to time.

8. That, the occupier shall ensure timely collection of bio-medical waste from the health care facilities as prescribed under Bio-Medical Waste Management Rules, 2016.

9. That, the occupier shall inform the prescribed authority immediately regarding the occupiers which are not handing over the segregated bio-medical waste in accordance with the Bio-Medical Waste Management Rules, 2016.

10. That, the occupier shall use the vehicles used for transportation of bio-medical waste , shall comply with the conditions stipulated under Bio-Medical Waste Management Rules, 2016 in addition to the requirement contained in the Motor Vehicles Act, 1988 (59 of 1988), if any or the rules made there under for transportation of such infectious waste. The vehicles shall also be properly labeled with the related symbols.

11. That, the occupier shall comply with the emission and effluent standards as per schedule II of the BioMedical Waste Management Rules, 2016.

12. That, the occupier shall in case of occurrence of any accidents, the occupier shall report to the prescribed authority in form I mentioned in the Bio-Medical Waste Management Rules, 2016.

13. That, the occupier shall obtain the authorization from the Board as per Bio-Medical Waste Management Rules, 2016

14. That, the occupier shall treat and disposed of Biomedical waste in accordance with schedule-I and in compliance with standards prescribed in schedule II of Bio-Medical Waste Management Rules, 2016.

15. The occupier where required, shall set up requisite Biomedical Waste treatment facilities like incinerator, autoclave, shredding / microwave system for the treatment of waste or ensure requisite treatment at common waste facility of any other waste treatment facility.

16. Standards for Incineraion :

- a. Combustion efficiency (CE) shall be at least 99.00%.
- b. The temperature of the primary chamber shall be a minimum of  $800 \pm 50$  degree Celsius.
- c. The secondary chamber gas residence time shall be at least 1 second at  $1050 \pm 50$  degree Celsius with minimum 3% of O<sub>2</sub> under stack gas.
- d. Online monitoring system should be provided for the operation of the incinerator.
- e. Stack height should be 30 meter from the ground level.
- f. The process emission through the stack attached to incinerator shall confirm the standards.

17. That, the occupier shall maintain Volatile organic compounds in ash not be more than 0.01%.

18. That, the occupier shall install/retrofit suitably designed air pollution control device with the incinerator to achieve the emission limit.

19. That, the occupier shall incinerate waste chemically treated with any chlorinated disinfectants or Chlorinated plastic.

20. That, the occupier shall limit Toxic metal in incineration ash with the regulatory quantities as defined under the Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016.

21. That, the occupier shall maintain a log for the operation and maintenance of incinerator including details of waste received, waste incinerated, fuel consumption, etc. and shall be kept at the incinerator and be available for inspection at any time.

22. That, the occupier shall not store untreated Bio Medical Waste beyond a period of 48 hours provided that if any reason it becomes necessary to store the waste beyond such period the authorized person must take permission of the prescribed authority and take measures to ensure that the waste does not adversely affect human health and environment

23. That, the occupier shall make the arrangements of OCEMS with stack and connectivity with CPCB and JSPC server shall be done before starting of the incineration.

24. That, the occupier shall make a ETP for treatment of effluent generated from gas subbing system and floor wash.

**(B) General Conditions :**

(1) That, the occupier shall construct pucca (i) minimum ten feet high boundary wall and (ii) approach road and internal roads and shall keep the premises neat and clean and tidy.

(2) That, the occupier shall install comprehensive enclosure (s) to cover the places of unloading of raw materials, the equipments of their processing & transferring, the places of loading of products, by products and wastes for prevention of fugitive emission and shall install such automatic inbuilt system(s) that in house dust/ gases collect(s) and undergo (es) cleaning and clean air goes out.

(3) That, the occupier shall install such automatic inbuilt system(s) that process flue gas(es) / process gas(es) and undergo(es) cleaning and clean air go(es) out through the chimney(s), having height(s) as per Central Pollution Control Board norm.

(4) That, the occupier shall have D G Set(s) of the standard as laid in the Environment (protection) Rules, 1986 and shall install it (them) within acoustic enclosure (s) and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm .

(5) That, the occupier shall impart treatment as per Central Pollution Control Board text to wastewater and shall keep process effluent in close-circuit and effluent from other sources in conformity with the standard (s).

(6) That, the occupier shall install Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge.

(7) That, the occupier shall create new water body (ies) / remove deposit(s) of existing water body(ies) and nearby stream(s) and pond(s) and shall maintain the wholesomeness of water.

(8) That, the occupier shall grow greenery in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.

(9) That, this CTE is valid subjected to the validity of mining Lease / Mining Plan / Ecofriendly / Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.

(10) That, this CTE is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the time being in force, rests with the industry/ unit/ occupier.

(11) That, this CTE shall not in any way, adversely affect or jeopardize the legal proceeding , if any, instituted in the past or that could be , instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.

(12) That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules there under.

4. **That, this CTE shall not absolve the occupier from making compliance of other statutory prescribed under any law or direction of courts or any other instrument for the time being in force.**
5. **That, this CTE is being issued on the basis of information/ documents/ certificate submitted by the unit. This CTE will be revoked if any of the information/ documents/ certificates/ undertaking given by the occupier is found false/fictitious/forged in future.**
6. **This order shall be valid subject to compliance of all other legal requirements applicable to the unit.**
7. **The State Board reserves the right to revoke, withdraw or make any reasonable variation / change / alteration in condition of this consent.**

**This is issued with the approval of the competent authority**

**(Dinesh Prasad Singh)**  
**Environmental Engineer**

Memo No. : JSPCB/HO/RNC/CTE-  
2693005/2018/1019

Dated : 2018-10-03

**Copy to :** General Manager, M/s Adityapur Waste Management Pvt Ltd (Common Bio-Medical Waste Treatment Facility) Plot No 43, Khata No.529, Village -Dugni, Seraikela Kharsawan/ Chief Inspector of Factories, Ranchi/ Director of Industry, Govt of Jharkhand, Ranchi/ Deputy Commissioner, SERAIKELA KHARSAWAN/ Regional Officer, Regional Office-Cum-Laboratory, Jamshedpur for information & necessary action.

**(Dinesh Prasad Singh)**  
**Environmental Engineer**